

ABSTRACT

A hydraulic tilting device for tilting the cab of a vehicle between a driving position, in which the vehicle can be driven normally, and a tilted position, in which, for example, maintenance can be carried out on a vehicle engine positioned beneath the cab. The tilting device comprises a double-acting tilting cylinder having a first and a second connection, a reservoir for hydraulic fluid and a pump having one single pumping direction, which pump has a suction port which is in communication with the reservoir and one single delivery port for delivering pressurized hydraulic fluid.

The tilting device has a valve, the inlet passage of which is connected to the delivery port of the pump, which valve has an actuable shut-off member, so that in a first position thereof the delivery port is connected to the first connection of the tilting cylinder and in the second position thereof the delivery port is connected to the second connection of the tilting cylinder.

The valve also has hydraulic actuating means for actuating the shut-off member, which hydraulic actuating means are designed in such a manner that, as a result of the pump supplying hydraulic fluid to the inlet passage, the shut-off member is moved into the first position or into the second position, and as a result of this supply then being stopped or reduced and then being restored again, the shut-off member is moved into the second position or first position, respectively.